

CLAIMS

1. An analyzing device comprising a rotating body for transferring a target analyte,

5 wherein the rotating body holds the target analyte by applying a negative pressure to the target analyte while transferring the target analyte in a circumferential direction of the rotating body.

10 2. The analyzing device according to claim 1, wherein the rotating body includes an inner space for negative pressure application, a plurality of positioning portions each for placing and holding the target analyte, and through-holes for connecting the positioning portions and the inner space.

15 3. The analyzing device according to claim 2, further comprising a negative pressure generator for applying the negative pressure to the inner space.

20 4. The analyzing device according to claim 1, wherein the rotating body includes a rotary axis extending in substantially horizontal direction.

25 5. The analyzing device according to claim 2, wherein the rotating body is formed as a cylinder having an outer surface formed with the positioning portions.

6. The analyzing device according to claim 5, wherein the

positioning portions extend in an axial direction of the rotating body and are spaced from each other in a circumferential direction of the rotating body.

5 7. The analyzing device according to claim 2, wherein the inner space accommodates a blockade member for selectively closing or opening the through-holes by movement relative to the rotating body.

10 8. The analyzing device according to claim 7, wherein the blockade member extends in an axial direction of the rotating body and is formed with a cutout extending in the axial direction.

15 9. The analyzing device according to claim 7, further comprising a housing for accommodating at least a part of the rotating body, wherein one end of the blockade member is non-rotatably supported by the housing.

20 10. The analyzing device according to claim 7, further comprising an optical detector for optically analyzing the target analyte, wherein the blockade member opens the through-hole connected to the positioning portion on which the target analyte is placed when the target analyte assumes
25 a position for measurement by the optical detector, thereby applying the negative pressure on the target analyte.

11. The analyzing device according to claim 10, wherein the target analyte is transferred by rotating the rotating body through no less 180 degrees, the target analyte being transferred from a position at which the target analyte is placed at the positioning portion to the position for measurement by the optical detector.

12. The analyzing device according to claim 7, wherein the blockade member closes the through-hole connected to the positioning portion at a position where the target analyte is placed on the positioning portion, thereby preventing the target analyte from being subjected to the negative pressure.

13. The analyzing device according to claim 1, further comprising a blade for removing the target analyte held on the positioning portion.

14. The analyzing device according to claim 13, wherein the rotating body is provided with a guide portion for allowing the blade to move relative to the rotating body in intimate contact therewith.

15. The analyzing device according to claim 2, wherein a suction applying clearance is provided between each positioning portion and the through-hole connected to the positioning portion, the suction applying clearance applying the negative pressure on the target analyte in an area extending in an axial

direction of the rotating body.

16. The analyzing device according to claim 15, wherein the suction portion is formed by forming a recess smaller than
5 each positioning portion adjacent to the disposing portion and closer to an axis of the rotating body.

17. The analyzing device according to claim 1, wherein the target analyte is an analyzing tool for analyzing a sample,
10 an excess of the sample adhering to the analyzing tool being removed when the analyzing tool is subjected to the negative pressure.